

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	71	(US-20030221619-\$ or US-20050056222-\$ or US-20060011135-\$ or US-20020047135-\$ or US-20020174833-\$ or US-20020155713-\$ or US-20020028565-\$ or US-20020047127-\$ or US-20020053679-\$ or US-20020155683-\$ or US-20020152951-\$ or US-20020177312-\$ or US-20030049898-\$ or US-20030205193-\$ or US-20030226496-\$ or US-20050164044-\$ or US-20050212001-\$ or US-20050244997-\$.did. or (US-6656285-\$ or US-5542373-\$ or US-5074954-\$ or US-5993542-\$ or US-5223305-\$ or US-5266127-\$ or US-4853078-\$ or US-4528062-\$ or US-3796548-\$ or US-3829556-\$ or US-4158851-\$ or US-4007978-\$ or US-4067641-\$ or US-4084130-\$ or US-4504329-\$ or US-4116733-\$ or US-4268842-\$ or US-4507169-\$ or US-4544417-\$ or US-6472300-\$ or US-6476420-\$ or US-6479839-\$ or US-6555452-\$ or US-6559467-\$ or US-6559038-\$ or US-6599133-\$.did. or (US-6849862-\$ or US-6890809-\$ or US-6218269-\$ or US-6706119-\$ or US-6936357-\$ or US-6613143-\$ or US-6177292-\$ or US-6576054-\$ or US-6616757-\$ or US-6955719-\$ or US-6337102-\$ or US-6156581-\$ or US-4190470-\$ or US-3865655-\$ or US-6475278-\$ or US-6573164-\$ or US-6660083-\$ or US-6969426-\$.did. or (JP-59086215-\$ or JP-59229816-\$.did. or (GB-1218544-\$ or JP-08333196-\$ or US-20030049898-\$ or US-20020025661-\$ or US-6576054-\$ or US-6656285-\$ or US-20050056222-\$.did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/02/21 01:37
L2	47	1 and (source with tube)	US-PGPUB; USPAT	OR	ON	2006/02/21 01:40
L3	43	1 and (boat with tube)	US-PGPUB; USPAT	OR	ON	2006/02/21 01:45
L4	3	"09903299"	US-PGPUB; USPAT	OR	ON	2006/02/21 01:46
L5	6	"09/903,299"	US-PGPUB; USPAT	OR	ON	2006/02/21 01:46
S7	1	("6656285").PN.	US-PGPUB; USPAT	OR	OFF	2005/05/16 12:22
S8	1	("5993542").PN.	US-PGPUB; USPAT	OR	OFF	2005/05/02 16:00
S9	748	(118/726.cds.) and (low with temperature with gallium sith source)	US-PGPUB; USPAT	OR	ON	2005/05/16 12:54
S10	0	(118/726.cds.) and (low with temperature with gallium with source)	US-PGPUB; USPAT	OR	ON	2005/05/02 16:05
S11	4	(118/726.cds.) and (low with temperature with gallium )	US-PGPUB; USPAT	OR	ON	2005/05/02 16:05
S12	8	("5074954").URPN.	USPAT	OR	ON	2005/05/02 16:41
S13	95	(elongat\$3 long length extend\$3) with (gallium) with source	USPAT	OR	ON	2005/05/02 16:42
S14	0	(elongat\$3 long length extend\$3) adj (gallium) adj source	USPAT	OR	ON	2005/05/02 16:43
S15	1	(elongat\$3 long length extend\$3) adj (gallium) adj source	US-PGPUB; USPAT	OR	ON	2005/05/02 16:45
S16	1	("4528062").PN.	US-PGPUB; USPAT	OR	OFF	2005/05/02 16:45
S17	2	("4528062").URPN.	USPAT	OR	ON	2005/05/02 16:45
S18	1	("4853078").URPN.	USPAT	OR	ON	2005/05/02 16:48
S19	9	("4368098"   "4379733"   "4404265"   "4528062"   "4568397"   "4619811"   "4632710"   "4689094"   "4704258").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/02 16:49

## EAST Search History

S20	15	("2944975"   "3322501"   "3480394"   "3520810"   "3649192"   "3690846"   "3725284"   "3877883"   "4119704"   "4172756").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/02 16:50
S21	252	(118/726.cds.) and (second with growth zone)	US-PGPUB; USPAT	OR	ON	2005/05/02 17:48
S22	3	(118/726.cds.) and (second with growth with zone)	US-PGPUB; USPAT	OR	ON	2005/05/02 17:48
S23	5	(118/726.cds.) and ((transfer\$4 transport\$4 mov\$3 convey\$4) with growth with zone)	US-PGPUB; USPAT	OR	ON	2005/05/02 17:49
S24	48	(gallium) same ((transfer\$4 transport\$4 mov\$3 convey\$4) with growth with zone)	US-PGPUB; USPAT	OR	ON	2005/05/02 17:49
S25	1	("5266127").PN.	US-PGPUB; USPAT	OR	OFF	2005/05/16 12:22
S26	5	("3901746"   "4007074"   "4507169"   "4645689"   "4801557").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/16 12:22
S27	119	(118/726.cds.) and (118/719.cds.)	US-PGPUB; USPAT	OR	ON	2005/05/16 12:41
S28	28	melnik-yuri-\$.in. soukhoveev-vitali-\$.in. ivanstov-vladimir-\$.in. tsvetkov-katie-\$.in. dimitriev-vladimir-\$.in.	US-PGPUB; USPAT	OR	ON	2005/05/16 12:54
S29	6620	(c23c016\$.ipc.) and (low with temperature with gallium sith source)	US-PGPUB; USPAT	OR	ON	2005/05/16 12:54
S30	2	melnik-yuri-\$.in. soukhoveev-vitali-\$.in. ivanstov-vladimir-\$.in. tsvetkov-katie-\$.in. dimitriev-vladimir-\$.in.	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:54
S31	1602	(c23c016\$.ipc.) and (low with temperature with gallium sith source) and zone	US-PGPUB; USPAT	OR	ON	2005/05/16 12:56
S32	727	(c23c016\$.ipc.) and (low with temperature with gallium sith source) and (zone with (heat\$3 temperature thermal\$4))	US-PGPUB; USPAT	OR	ON	2005/05/16 12:56
S33	0	(c23c016\$.ipc.) and (low with temperature with gallium with source) and (zone with (heat\$3 temperature thermal\$4))	US-PGPUB; USPAT	OR	ON	2005/05/16 12:55
S34	1	(c23c016\$.ipc.) and (low with temperature with gallium with source)	US-PGPUB; USPAT	OR	ON	2005/05/16 12:56
S35	22	(c23c016\$.ipc.) and (gallium with source) and (zone with (heat\$3 temperature thermal\$4))	US-PGPUB; USPAT	OR	ON	2005/05/16 12:56
S36	2	(c23c016\$.ipc.) and (gallium with source) and (zone with (heat\$3 temperature thermal\$4))	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:56
S37	289	(c23c016\$.ipc.) and (low with temperature with gallium sith source) and zone	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:56
S38	104	(c23c016\$.ipc.) and (low with temperature with gallium sith source) and (zone with (heat\$3 temperature thermal\$4))	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:56
S39	0	(c23c016\$.ipc.) and (low with temperature with gallium with source)	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:56
S40	0	(c23c016\$.ipc.) and (low with temperature with gallium with source)	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:56
S41	2	(c23c016\$.ipc.) and (gallium with source) and (zone with (heat\$3 temperature thermal\$4))	EPO; JPO; DERWENT	OR	ON	2005/05/16 12:57
S42	2	gallium with source with temperature with profile	US-PGPUB; USPAT	OR	ON	2006/02/20 22:11
S43	2	gallium with source with (heat\$3 thermal\$4 temperature) with profile	US-PGPUB; USPAT	OR	ON	2006/02/20 22:12
S44	1	gallium with source with (heat\$3 thermal\$4 temperature) with profile	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:12
S45	19	gallium same (heat\$3 thermal\$4 temperature) same profile	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:21

## EAST Search History

S46	140	(single with crystal) same (heat\$3 thermal\$4 temperature) same profile	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:25
S47	4	((single with crystal) same (heat\$3 thermal\$4 temperature) same profile) and gallium	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:32
S48	115	((single with crystal) same (heat\$3 thermal\$4 temperature) same profile) and gallium	US-PGPUB; USPAT	OR	ON	2006/02/20 22:27
S49	24	((single with crystal) same (heat\$3 thermal\$4 temperature) same profile) same gallium	US-PGPUB; USPAT	OR	ON	2006/02/20 22:27
S50	6	(single with crystal) and ((heat\$3 thermal\$4 temperature) same profile) and gallium	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:37
S51	0	(single with crystal) and (gallium with source) and moveable	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:37
S52	2	(single with crystal) and (gallium with source) and movable	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:37
S53	0	(single with crystal) and (gallium with source) and translat\$4	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:38
S54	47	(single with crystal) with (gallium with source) withtranslat\$4	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:38
S55	0	(single with crystal) with (gallium with source) with translat\$4	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:38
S56	1	(single with crystal) with (gallium with source) with profile	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:38
S57	1	(single with crystal) with (gallium with source) with profile	US-PGPUB; USPAT	OR	ON	2006/02/20 22:38
S58	7	(gallium with source) with profile	US-PGPUB; USPAT	OR	ON	2006/02/20 22:39
S59	30	(gallium with source) with (temperature thermal\$4 heat\$4) with zone	US-PGPUB; USPAT	OR	ON	2006/02/20 22:51
S60	12	(gallium with source) with (temperature thermal\$4 heat\$4) with zone	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:49
S61	1	(gallium with source) with (translat\$4) with (temperatur\$4 thermal\$4 heat\$4)	US-PGPUB; USPAT	OR	ON	2006/02/20 22:52
S62	399	(gallium with source) same (position\$4 locat\$4 arrang\$4 mov\$4 transfer\$4 convey\$4 translat\$4 transport\$4) same (temperatur\$4 thermal\$4 heat\$4)	US-PGPUB; USPAT	OR	ON	2006/02/20 22:58
S63	43	(gallium with source) same (position\$4 locat\$4 arrang\$4 mov\$4 transfer\$4 convey\$4 translat\$4 transport\$4) same (temperatur\$4 thermal\$4 heat\$4)	EPO; JPO; DERWENT	OR	ON	2006/02/20 22:53
S64	16	("4544417").URPN.	USPAT	OR	ON	2006/02/20 23:22
S65	2	09/195,017	USPAT	OR	ON	2006/02/20 23:23
S66	10	09/195,217	USPAT	OR	ON	2006/02/20 23:23
S67	24	("3683240"   "3819974"   "3849707"   "3922703"   "4095331"   "4144116"   "4268842"   "4396929"   "5210051"   "5243204"   "5290393"   "5306662"   "5387804"   "5393993"   "5416342"   "5432808"   "5523589"   "5578839"   "5620557"   "5650641"   "5767533"   "5846844"   "5888886"   "5993542").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 23:24
S68	24	("5993542").URPN.	USPAT	OR	ON	2006/02/20 23:25
S69	38	("20020028565"   "20020155713"   "20020174833"   "3836408"   "3865655"   "4190470"   "4268842"   "4419179"   "5074954"   "5076860"   "5322592"   "5334250"   "5679152"   "5770887"   "5875769"   "5935321"   "5993542"   "6001748"   "6006738"   "6056817"   "6110290"   "6110809"   "6113985"   "6136093"   "6139631"   "6146457"   "6156581"   "6177292"   "6177688"   "6218280"   "6337102"   "6372041"   "6406540"   "6472300"   "6476420"   "6576054"   "6613143"   "6656285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 23:27

## EAST Search History

S70	16	("3836408"   "4190470"   "4419179"   "5322592"   "5679152"   "5770887"   "5875769"   "5935321"   "6006738"   "6056817"   "6136093"   "6139631"   "6146457"   "6177292"   "6177688"   "6218280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 23:28
S71	1	("5665986").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 23:30
S72	28	("6177292").URPN.	USPAT	OR	ON	2006/02/20 23:30
S73	16	("5237182"   "5322592"   "5492734"   "5587014"   "5679152"   "5770887"   "5875769"   "5935321"   "6006738"   "6056817"   "6136093"   "6139631"   "6146457"   "6177292"   "6177688"   "6218280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 23:32
S74	13	("5322592"   "5679152"   "5770887"   "5875769"   "5935321"   "6006738"   "6056817"   "6136093"   "6139631"   "6146457"   "6177292"   "6177688"   "6218280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/20 23:34
S75	22	("4190470").URPN.	USPAT	OR	ON	2006/02/21 00:03
S76	0	king-david-gregory.in.	USPAT	OR	ON	2006/02/21 00:03
S77	0	king-david-gregory.in.	US-PGPUB; USPAT	OR	ON	2006/02/21 00:04
S78	0	king-david-gregory.in.	EPO; JPO; DERWENT	OR	ON	2006/02/21 00:04
S79	0	king-geoffrey-david.in.	EPO; JPO; DERWENT	OR	ON	2006/02/21 00:04
S80	17	king-g-\$-d\$.in.	EPO; JPO; DERWENT	OR	ON	2006/02/21 00:04
S81	5	elongat\$4 with gallium with source	US-PGPUB; USPAT	OR	ON	2006/02/21 00:18
S82	3	"117"/\$.ccls. and (elongat\$3 adj2 source)	US-PGPUB; USPAT	OR	ON	2006/02/21 00:19
S83	185	"117"/\$.ccls. and (length with source)	US-PGPUB; USPAT	OR	ON	2006/02/21 00:29
S84	1	("5993542").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/21 00:33
S85	0	(10/637,736).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/02/21 00:33
S86	3	10/632,736	US-PGPUB; USPAT	OR	ON	2006/02/21 00:33